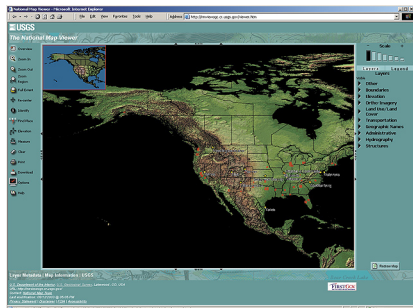


Rocky Mountain Mapping Center

Natural Science Studies and Investigations

Customized Internet Mapping Applications

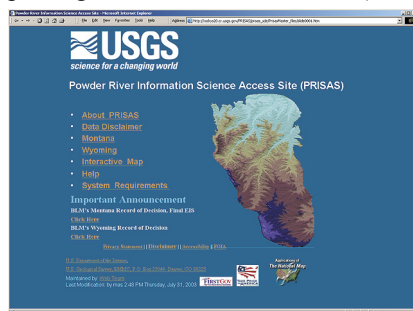
The *National Map* provides the national geographic reference frame that is crucial to the development of scientific applications. Each application combines easy access to geo-spatial data, site-specific



scientific information, and unique functionality to address scientific questions related to monitoring natural resources and environmental change. Development of these applications not only furthers the scientific goals of the USGS, but also contributes to the development of additional *The National Map* partnerships.

Powder River Information Science Access Site (PRISAS)

The PRISAS is a web-enabled, spatially referenced, decision support and information dissemination system encompassing the Powder River Basin (PRB) in

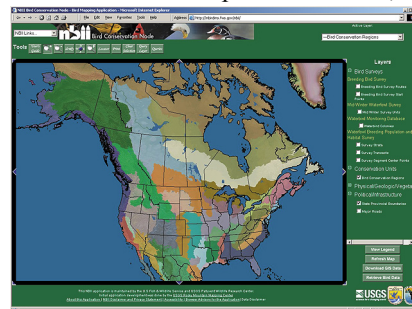


Montana and Wyoming. This site is available as a primary geographic analysis tool

for Coal Bed Methane (CBM) prospecting and environmental monitoring activities in the PRB.

The National Biological Information Infrastructure (NBII) Bird Conservation Node

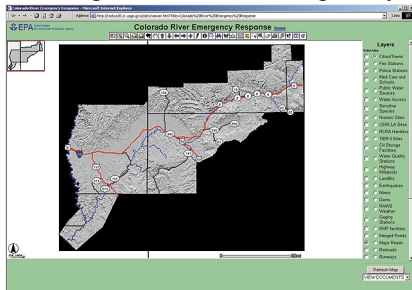
Effective planning and evaluation of bird conservation activities requires an understanding of how bird populations respond to changes in habitats at the local, regional, and national scale. The Bird Conservation Node provides access, via



the Internet, to bird population and habitat data. The USGS and the U.S. Fish and Wildlife Service (USFWS) jointly developed this node.

Environmental Protection Agency (EPA) Region VIII Oil Response Applications

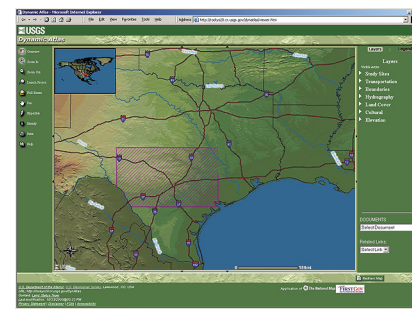
The USGS, RMMC, and the EPA's Region VIII Oil Response Program has implemented web-based information and decision support applications for several sites (Big Hole River, Green River, etc). Each application significantly improves the mitigation of hazardous spills by sup-



porting expedient access to the associated digital geo-referenced information.

Dynamic Atlas

The Dynamic Atlas provides web-enabled dissemination of the information contained in the Land Status and Trends topical reports. The Land Status and Trends topical reports will provide resource managers and the American public with a reliable reference tool and source of information to understand the dynamic nature of the Nation's landscape.



Initial reports will describe the current state of the land surface, factors driving land use change, and environmental, social, and economic effects of land surface change. Future reports will reflect a true national assessment of key landscape indicators and include projected trends. The Dynamic Atlas will not only provide access to the complete series of Land Status and Trends topical reports, but also the underlying data and scientific information used to develop the reports.

For more information

URL: <http://rockys20.cr.usgs.gov>

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